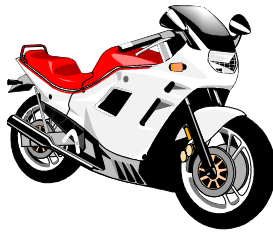


# Motorcycles



Out of 63,364 total crashes, one or more motorcycles were involved in:

774 crashes (all types)  
31 fatal crashes  
663 injury crashes  
80 property damage crashes

32 riders were killed, or 07.19% of all fatalities  
779 riders were injured, or 02.19% of all injuries

## Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Motorcycles		All Others	
	Number	Percent	Number	Percent
Fatal	32	100.00%	0	0.00%
Major	290	98.31%	5	1.69%
Minor	390	94.20%	24	5.80%
Possible	97	81.51%	22	18.49%
Unknown	2	100.00%	0	0.00%
Total	811	94.08%	51	5.92%

This chart compares injury severity of motorcycle riders with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved motorcycles.

## Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	28	87.50%	503	64.57%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	0	0.00%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Motorcycle Helmet	3	9.38%	132	16.94%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	6	0.77%
Unknown	1	3.13%	138	17.72%
Total	32	100.00%	779	100.00%

## Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	5	15.63%	152	19.51%
Male	27	84.38%	627	80.49%
Unknown	0	0.00%	0	0.00%
Total	32	100.00%	779	100.00%

## Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
<b>Under Age 21</b>				
14 & Under	0	0.00%	14	1.80%
15	0	0.00%	4	0.51%
16	0	0.00%	6	0.77%
17	0	0.00%	10	1.28%
18	3	9.38%	32	4.11%
19	3	9.38%	26	3.34%
20	0	0.00%	40	5.13%
Total Under 21*	6	18.75%	132	16.94%
<b>All Ages</b>				
14 & Under	0	0.00%	14	1.80%
15 to 24	11	34.38%	215	27.60%
25 to 34	3	9.38%	146	18.74%
35 to 44	11	34.38%	216	27.73%
45 to 54	5	15.63%	131	16.82%
55 to 64	1	3.13%	35	4.49%
65 to 74	1	3.13%	9	1.16%
75 & Over	0	0.00%	2	0.26%
Unknown	0	0.00%	11	1.41%
Total	32	100.00%	779	100.00%

Under age 21 percentages based on total for all ages.

## Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	0	0.00%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	28	87.50%	656	84.21%
MC/Moped Passenger	4	12.50%	123	15.79%
Pedalcyclist	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	32	100.00%	779	100.00%

## Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	2	6.25%	75	9.63%
Lower Torso	0	0.00%	15	1.93%
Internal	1	3.13%	1	0.13%
Head	6	18.75%	67	8.60%
Arms	0	0.00%	60	7.70%
Legs	0	0.00%	77	9.88%
Multiple	22	68.75%	457	58.66%
Other/Unknown	1	3.13%	27	3.47%
Total	32	100.00%	779	100.00%

# Motorcycles

## Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	1	3.23%	46	6.09%
Male	30	96.77%	701	92.85%
Unknown	0	0.00%	8	1.06%
Total	31	100.00%	755	100.00%

## Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
<b>Under Age 21</b>				
14 & Under	0	0.00%	5	0.66%
15	0	0.00%	2	0.26%
16	0	0.00%	5	0.66%
17	0	0.00%	11	1.46%
18	3	9.68%	31	4.11%
19	3	9.68%	27	3.58%
20	0	0.00%	38	5.03%
Total Under 21*	6	19.35%	119	15.76%
<b>All Ages</b>				
14 & Under	0	0.00%	5	0.66%
15 to 24	10	32.26%	213	28.21%
25 to 34	4	12.90%	153	20.26%
35 to 44	11	35.48%	203	26.89%
45 to 54	4	12.90%	120	15.89%
55 to 64	1	3.23%	37	4.90%
65 to 74	1	3.23%	12	1.59%
75 & Over	0	0.00%	2	0.26%
Unknown	0	0.00%	10	1.32%
Total	31	100.00%	755	100.00%

Under age 21 percentages based on total for all ages.

## Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	24	77.42%	564	73.63%
Turning Left	2	6.45%	45	5.87%
Turning Right	0	0.00%	26	3.39%
Making U-Turn	0	0.00%	2	0.26%
Passing	3	9.68%	20	2.61%
Changing Lanes	0	0.00%	5	0.65%
Merging	0	0.00%	1	0.13%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	20	2.61%
Backing	0	0.00%	1	0.13%
Stopped for Sign/Signal	0	0.00%	8	1.04%
Stopped in Traffic	0	0.00%	10	1.31%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	13	1.70%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	1	0.13%
Other	2	6.45%	26	3.39%
Unknown	0	0.00%	24	3.13%
Total	31	100.00%	766	100.00%

## Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	9	29.03%	578	76.56%
Physical Defect	0	0.00%	1	0.13%
Fatigue	0	0.00%	1	0.13%
Apparently Asleep	0	0.00%	2	0.26%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	1	0.13%
Drinking-Not Impaired	3	9.68%	26	3.44%
Drinking-Impaired	5	16.13%	43	5.70%
Drugs	0	0.00%	2	0.26%
Other	0	0.00%	11	1.46%
Unknown	14	45.16%	90	11.92%
Total	31	100.00%	755	100.00%

## Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	6	15.00%	326	37.64%
Ran Traffic Signal	1	2.50%	5	0.58%
Ran Stop Sign	0	0.00%	3	0.35%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	1	2.50%	17	1.96%
Left of Center, Not Passing	0	0.00%	5	0.58%
FTYROW at Intersection	0	0.00%	3	0.35%
FTYROW from Stop Sign	0	0.00%	5	0.58%
FTYROW from Yield Sign	0	0.00%	2	0.23%
FTYROW Making Left Turn	0	0.00%	5	0.58%
FTYROW from Driveway	0	0.00%	3	0.35%
FTYROW from Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	2	0.23%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	2	5.00%	25	2.89%
Exceeding Speed Limit	4	10.00%	30	3.46%
Drag Racing	1	2.50%	1	0.12%
Improper Turn	0	0.00%	3	0.35%
Improper Lane Change	0	0.00%	2	0.23%
Following Too Close	0	0.00%	15	1.73%
No/Improper Signal	0	0.00%	1	0.12%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	1	2.50%	16	1.85%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	16	40.00%	200	23.09%
Headlights Not On	0	0.00%	5	0.58%
Inattentive/Distracted	1	2.50%	30	3.46%
Confused	0	0.00%	4	0.46%
Vision Obscured	0	0.00%	6	0.69%
Oversized/Loaded Vehicle	0	0.00%	0	0.00%
Inexperienced Driver	3	7.50%	32	3.70%
Other	2	5.00%	55	6.35%
Unknown	2	5.00%	65	7.51%
Total	40	100.00%	866	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.  
FTYROW—Failure to Yield Right-of-Way.

# Motorcycles

## Motorcycle Fatalities & Injuries by Helmet Usage & Gender

Gender	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	4	13.33%	1	50.00%	0	0.00%	98	19.48%	26	19.70%	28	19.44%
Male	26	86.67%	1	50.00%	0	0.00%	405	80.52%	106	80.30%	116	80.56%
Unknown	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	30	100.00%	2	100.00%	0	0.00%	503	100.00%	132	100.00%	144	100.00%

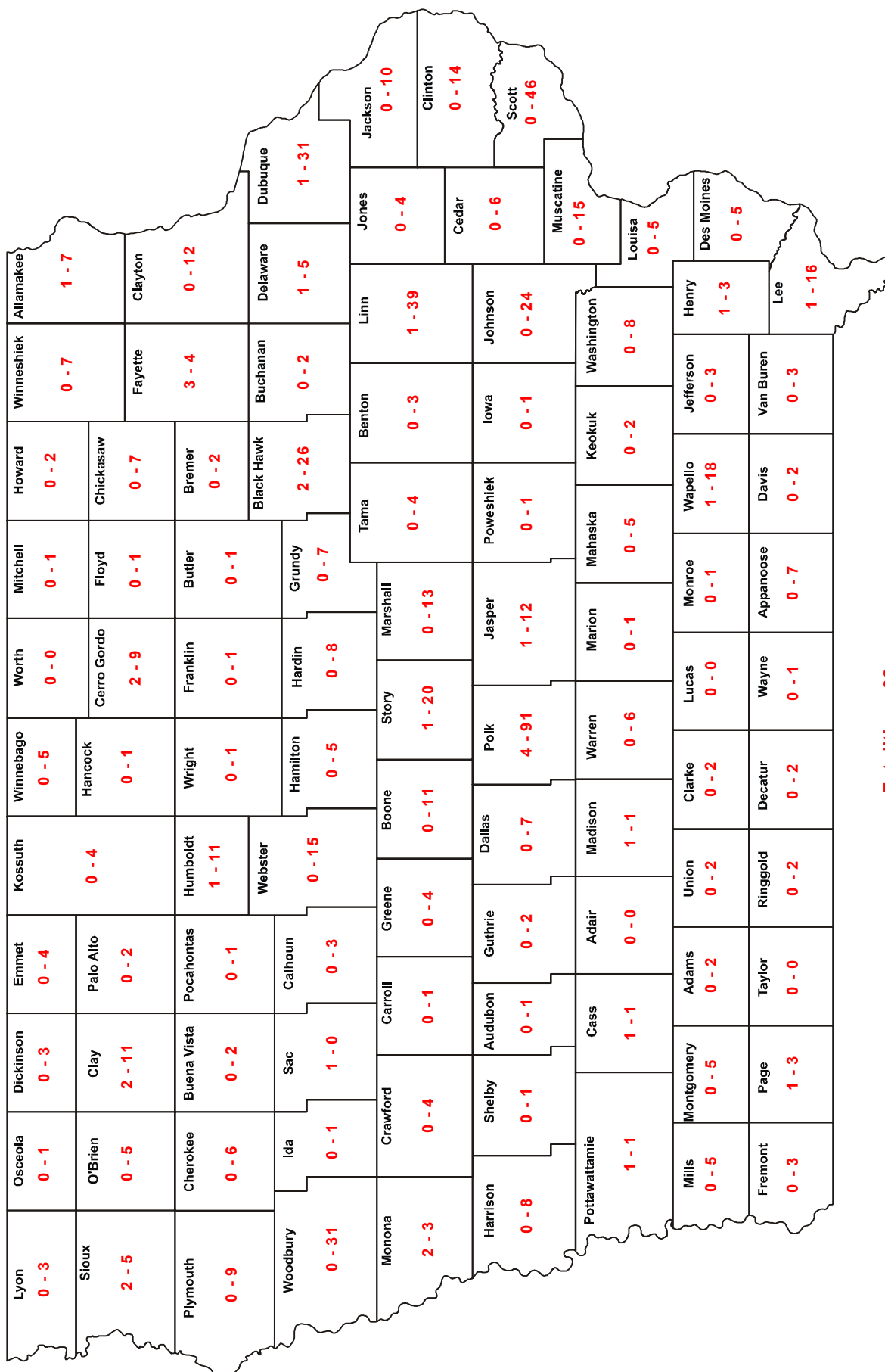
## Motorcycle Fatalities & Injuries by Helmet Usage & Age

Age	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
14 & Under	0	0.00%	0	0.00%	0	0.00%	7	1.39%	4	3.03%	3	2.08%
15 to 24	11	37.93%	0	0.00%	0	0.00%	143	28.43%	35	26.52%	37	25.69%
25 to 34	3	10.34%	0	0.00%	0	0.00%	107	21.27%	16	12.12%	23	15.97%
35 to 44	11	37.93%	0	0.00%	0	0.00%	144	28.63%	34	25.76%	38	26.39%
45 to 54	4	13.79%	0	0.00%	0	0.00%	74	14.71%	28	21.21%	29	20.14%
55 to 64	0	0.00%	1	50.00%	0	0.00%	15	2.98%	10	7.58%	10	6.94%
65 to 74	0	0.00%	1	50.00%	0	0.00%	5	0.99%	3	2.27%	1	0.69%
75 & Over	0	0.00%	0	0.00%	0	0.00%	0	0.00%	1	0.76%	1	0.69%
Unknown	0	0.00%	0	0.00%	0	0.00%	8	1.59%	1	0.76%	2	1.39%
Total	29	100.00%	2	100.00%	0	0.00%	503	100.00%	132	100.00%	144	100.00%

## Motorcycle Fatalities & Injuries by Helmet Usage & Posted Speed Limit

Posted Speed Limit	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25	0	0.00%	0	0.00%	0	0.00%	10	1.99%	3	2.27%	0	0.00%
25 mph	5	16.67%	0	0.00%	0	0.00%	110	21.87%	12	9.09%	22	15.28%
30 mph	0	0.00%	0	0.00%	0	0.00%	37	7.36%	7	5.30%	16	11.11%
35 mph	5	16.67%	0	0.00%	0	0.00%	57	11.33%	19	14.39%	12	8.33%
40 mph	1	3.33%	0	0.00%	0	0.00%	8	1.59%	0	0.00%	3	2.08%
45 mph	3	10.00%	0	0.00%	0	0.00%	27	5.37%	12	9.09%	3	2.08%
50 mph	0	0.00%	0	0.00%	0	0.00%	8	1.59%	0	0.00%	1	0.69%
55 mph	15	50.00%	1	50.00%	0	0.00%	119	23.66%	37	28.03%	19	13.19%
60 mph	0	0.00%	0	0.00%	0	0.00%	1	0.20%	0	0.00%	0	0.00%
65 mph	1	3.33%	1	50.00%	0	0.00%	10	1.99%	7	5.30%	1	0.69%
Unknown	0	0.00%	0	0.00%	0	0.00%	116	23.06%	35	26.52%	67	46.53%
Total	30	100.00%	2	100.00%	0	0.00%	503	100.00%	132	100.00%	144	100.00%

## Motorcycle Fatalities & Injuries by County



**Fatalities: 32**  
**Injuries: 779**